

AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims.

1. (Currently Amended) A method comprising:

broadcasting or multicasting, via a transmitter, one or more announcements on a second level of a hierarchical structure, the one or more announcements relating to a category of an information service; and

broadcasting or multicasting, via the transmitter, on a first level of the hierarchical structure:

data indicating a category to which the one or more announcements transmitted at the second level relate; and

data indicating a quantity of announcement information constituting the one or more second level announcements, the data indicating the quantity of announcement information including at least a count of the one or more announcements,

wherein the second level is lower than the first level.

2. (Previously Presented) The method as claimed in claim 1, in which the second level is immediately below the first level.

3. (Currently Amended) The method as claimed in claim 1, further comprising broadcasting or multicasting, via the transmitter, at the second level information identifying a location of access of the second level announcement information.

4. (Currently Amended) The method as claimed in claim 1, further comprising broadcasting or multicasting, via the transmitter, at the first level information identifying a timeout value.

5. (Canceled)

6. (Previously Presented) The method as claimed in claim 1, wherein the broadcast or multicast is an Internet Protocol datacast transmission using time-slicing.

7. (Currently Amended) An apparatus comprising:

an information service broadcaster or multicaster, the apparatus being arranged to produce for

broadcasting or multicasting on a first level of a hierarchical structure:

data indicating a category to which one or more announcements on a second level and relating to information service belong; and

data indicating the quantity of announcement information constituting the one or more announcements, the data indicating the quantity of announcement information including at least a count of the one or more announcements,

wherein the second level is lower than the first level.

8. (Previously Presented) The apparatus as claimed in claim 7, in which the second level is immediately below the first level.

9. (Currently Amended) A method, comprising:

receiving via a receiver: announcement data at a first level in a hierarchical structure, the announcement data indicating a category to which one or more announcements on a second level, the second level being lower than the first level, and relating to an information service belong; and quantity data indicator for indicating the quantity of announcement information constituting the second level announcement data; and controlling the receiver to receive the announcement data for a period of time dependent at least in part on the quantity data indicator.

10. (Previously Presented) The method as claimed in claim 9, in which the second level is immediately below the first level.

11. (Previously Presented) The method as claimed in claim 9 in which the controlling step includes directing the receiver to a location received as part of a relevant first level announcement.

12. (Currently Amended) The method as claimed in claim 9, further comprising receiving, via the receiver, in connection with the first level announcement information indicating a timeout value, and controlling the receiver to cease receiving announcement data for a period of time dependent on the timeout value, and to subsequently resume receiving announcement data.

13. (Currently Amended) An apparatus, comprising: a receiver for receiving data at a first level in a hierarchical structure, the data comprising:

announcement data indicating a category to which one or more announcements on a second level and relating to an information service belong; and

quantity data indicator for indicating the quantity of announcement information constituting the second level announcements wherein the second level is lower than the first level; and the receiver being arranged to receive announcement data on the lower level for a period of time dependent at least in part on the quantity data indicator.

14. (Previously Presented) The apparatus as claimed in claim 13, in which the second level is immediately below the first level.

15. (Previously Presented) The apparatus as claimed in claim 13 which is arranged to be directed to a location identified by location information data receivable as part of the first level announcement.

16. (Previously Presented) The apparatus as claimed in claim 13, which is arranged to cease receiving second level announcement data for a period of time dependent on a timeout value receivable by the receiver, and to resume subsequently receiving information service data.

17. (Previously Presented) The apparatus as claimed in claim 13, which is a portable, battery-powered receiver.

18. (Previously Presented) The apparatus as claimed in claim 13, which is arranged to receive time-sliced Internet Protocol datacast transmissions.

19. (Currently Amended) A user interface, comprising:

a receiver module arranged to receive data at a first level in a hierarchical structure, wherein the data comprises: data indicating a category to which one or more announcements on a second level and relating to an information service belong; and quantity data indicator for indicating the quantity of announcement information transmitted in respect of the announcements, and wherein the second level is lower than the first level; and

a display module arranged to display a number of category options, which options are selectable by a user, the number of category options being dependent at least in part on the quantity data indicator,

wherein the user interface is useable with an electronic program or service guide.

20-22. (Canceled)

23. (Currently Amended) An apparatus, comprising:

means for broadcasting or multicasting an information service, the apparatus being arranged to produce for broadcasting or multicasting on a first level of a hierarchical structure:

means for indicating a category to which one or more announcements on a second level and relating to information service belong; and

means for indicating the quantity of announcement information constituting the one or more announcements, the data indicating the quantity of announcement information including at least a count of the one or more announcements,

wherein the second level is lower than the first level.

24. (Previously Presented) An apparatus, comprising:

means for receiving data at a first level in a hierarchical structure, the data comprising:

means for indicating a category to which one or more announcements on a second level and relating to an information service belong; and

means for indicating a quantity of announcement information constituting the second level announcements wherein the second level is lower than the first level; and

the means for receiving data being arranged to receive the means for indicating a category on the lower level for a period of time dependent at least in part on the means for indicating the quantity of announcement information.

25. (Previously Presented) A user interface, comprising:

means for receiving data at a first level in a hierarchical structure, wherein the data comprises: data indicating a category to which one or more announcements on a second level and relating to an information service belong; and quantity data for indicating the quantity of announcement information transmitted in respect of the announcements, and wherein the second level is lower than the first level; and

means for displaying a number of category options, which options are selectable by a user, the number of category options being dependent at least in part on the quantity data.